

Battery Energy Storage Systems

Sustainable Solutions for a Greener Grid



**POWER
EQUIPMENT**



JST Power Equipment's battery energy storage system (BESS) solutions are engineered and custom-built to meet the needs of our customers. Leveraging our suite of products and **advanced design and manufacturing capabilities**, our modular design features PCS units with **robust stand-alone performance capabilities**. This design simplifies the integration and control of these systems, providing notable technical advantages in peak load management and frequency regulation.

Easily scaled to meet various application needs, our solutions offers the following benefits:

- Energy cost savings and optimization
- Fault-tolerance strategy and harmonic suppression enhance overall system reliability and lifespan
- Long-term reliability enables reduced maintenance costs
- Grid-forming control strategies improves transient performance and SCR adaptability
- System inertia injection supports grid stability in low-inertia networks
- Reactive power compensation for voltage control and improved power quality

APPLICATIONS

- Wind & Solar Power
- Other Renewable Energy Applications
- Utilities (Transmission & Distribution)
- Data Centers
- Commercial & Industrial

KEY SPECIFICATIONS

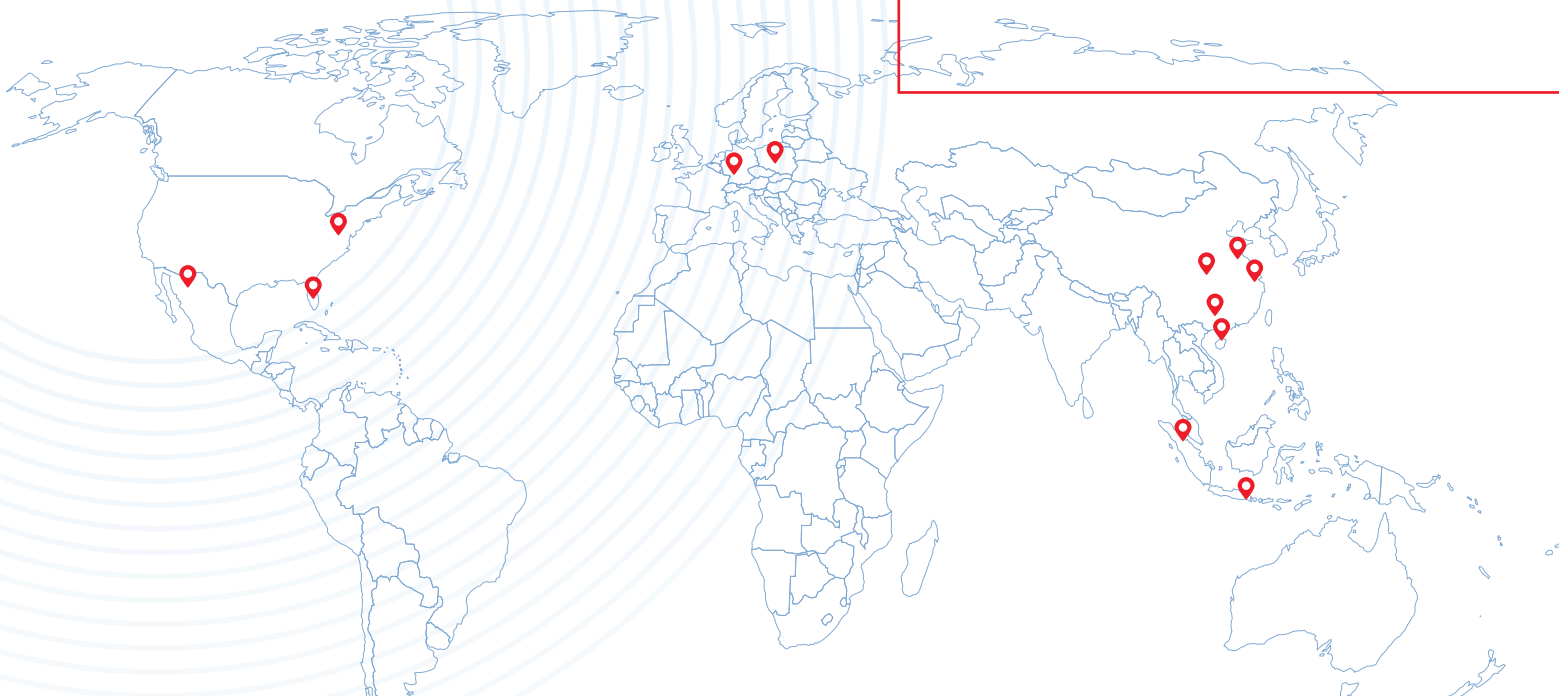
- Voltage rating up to 38kV
- Single cabinet stand-alone capacity: 5 MWh
- Full system support in excess of 2,000 MWh
- Industry-leading lead time: 26 weeks
- Compatible with IEEE 1547
- Built to the following standards:
 - UL 9540
 - UL 9540A
 - UL 1973

REQUEST A QUOTE

Contact your regional sales representative
or visit our website www.JSTpower.com

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About Us

At JST Power Equipment, we pride ourselves on delivering world-class transformer and electrical equipment solutions. The key to our success is the ability to provide quality products with speed and precision through the dedication of our talented team.

For over 30 years, we've evolved to become an innovator in the electrical industry and we work hard to design and build our products to the highest quality standards. And as we look toward the future, we're continuously investing in our technology, facilities and people to engineer the best solutions in the industry and create more value for our customers.

At JST we're more than a manufacturer, we're transforming the future of power.

Where you can find us

North America

- Orlando, FL USA
- Wytheville, VA USA
- Nogales, Mexico

Europe

- Frankfurt, Germany
- Lubliniec, Poland

Asia

- Guilin, China
- Haikou, China
- Shanghai, China
- Wuhan, China
- Yangzhou, China
- Surabaya, Indonesia
- Klang, Malaysia



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